Problem 1

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **VisitNo** | **VisitDate** | **PatNo** | **PatAge** | **PatCity** | **PatZip** | **ProvNo** | **ProvSpecialty** | **Diagnosis** |
| V10021 | 2/13/2018 | P1 | 36 | Denver | 80217 | D1 | internist | Ear Infection |
| V10021 | 2/13/2018 | P1 | 36 | Denver | 80217 | D2 | NURSE PractiTIoner | INFLUENZA |
| V93030 | 2/20/2018 | P3 | 17 | Englewood | 80113 | D2 | NURSE PRACTITIONER | pregnancy |
| V82110 | 2/18/2018 | P2 | 60 | Boulder | 85932 | D3 | cardiologist | murmur |

**Solution**

**Insertion**: You can’t insert new patient (PatNo) without knowing the VisitNo and the ProvNo.

**Update**: You can’t need two rows if you want update the patient city (PatCity).

**Deletion**: Deleting the patient with patient number (PatNo) P2 will delete the information about the city, the zip, and even more important, the ProvNo and his information.